

Docket No. 272 – Development and Management Plan Inspection

The Connecticut Light and Power Company Certificate of Environmental Compatibility and Public Need for the construction of a new 345-kV electric transmission line and associated facilities between Scovill Rock Switching Station in Middletown and Norwalk Substation in Norwalk, Connecticut, including reconstruction of portions of existing 115-kV and 345-kV electric transmission line, the construction of Beseck Switching Station in Wallingford, East Devon Substation in Milford, (and Singer Substation in Bridgeport), modifications at Scovill Rock Switching Station and Norwalk Substation, and the reconfiguration of certain interconnections.

Beseck Switching Station Inspection

Date: November 27, 2007

Inspector: Matthew Creighton

Location: Beseck Switching Station

Rainfall: 0.87" of precipitation was recorded in the week prior to inspection with 0.76" of the total reported on 11/26 (NOAA data at Meriden, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways	Erosion control mats and seed remain in place over previously disturbed soil shoulders along the eastern site access. Grass cover was noted but soils are not fully stabilized. Some amount of turbid run-off was still noted but it is pooling at newly installed curbing and sediment was settling out before entering the roadway. 11/27/07	Continue to monitor for turbid run-off until the site is at final stabilization with established vegetative cover. Add controls as needed to contain sediment. 11/27/07	New curbing was installed at the base of the drive and run-off was being detained.
	1A contractors continue to access the ROW from the original access off Carpenter Ln. Sediment tracking from Beseck is no longer an issue as the access roads are paved and the site is covered in stone. 11/27/07	As all areas are at final cover at the station, responsibility for sweeping the roadway falls largely to 1A contractors. 11/27/07	Not Applicable (NA) See 1A report for more details.
	Erosion control mats remain in place along the shoulders of the western site access. Clear run-off was noted pooling at the newly installed curbing at this drive. 11/27/07	None at this time. 11/27/07	New curbing was installed at the base of the drive and run-off was being detained.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>Hay mulch and seed remain on exposed soils at the old western driveway as well as a soil berm located at the edge of Carpenter Ln. 11/27/07</p> <p>Catch basin controls have been removed except for the one CB within the eastern access drive. 11/27/07</p>	<p>Ensure there is sufficient stabilization for winter months. Replace controls across the entrance if needed. 11/27/07</p> <p>Segment 1A/2A contractors should install catch basin controls in Carpenter Lane if necessary. 11/27/07</p>	<p>NA at this time</p> <p>NA- See 1A and 2A reports for more details.</p>
<p>Foundation and site construction</p>	<p>The site work is complete with all areas at final cover, but contractors continue to work on wiring. 11/27/07</p>	<p>None. 11/27/07</p>	<p>NA</p>
<p>Erosion and sediment controls</p>	<p>Riprap dissipater pads remain at the drain inlets in the permanent detention basins. Clear standing water was noted. 11/27/07</p> <p>Previously exposed areas along the edges of the access drives remain temporarily stabilized with seed, mulch and erosion control blankets. Slightly turbid storm-water noted pooling at the new curbing. Sediment was settling out before run-off left the site. 11/27/07</p> <p>Haybales were removed from the stormwater outlet pipe at the wetland across Carpenter Lane (10/23). Accumulated sediment from beneath the haybales remains at the outlet. 10/23-11/20/07</p> <p>Water within the outlet and wetlands was slightly turbid again during small rain events. 11/6-</p>	<p>Add seed to areas exposed by removal of erosion controls if necessary. 11/27/07</p> <p>Continue to monitor for final stabilization and vegetative cover. 11/27/07</p> <p>Remove all visible, accumulated sediment filtered by the haybales and deteriorated hay from the wetlands and outlet. 10/23-11/20/07</p> <p>Replace controls as needed to protect the wetlands until access road work is complete and the site is at final vegetative cover throughout. 11/6-</p>	<p>NA at this time.</p> <p>New curbing is helping to detain slightly turbid run-off.</p> <p>Needs additional attention and sediment removal.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	11/27/07	11/27/07	
Inland Wetland and Watercourse encroachment and mitigation	Haybales have been removed from the outlet and the wetlands across Carpenter Lane (10/23). Sediment accumulation was noted within and around the outlet where the haybales had been. 10/23-11/27/07	Continue to remove all visible sediment from within and around the outlet (and whatever is feasible from within the pipe). Seed the area with a wetland seed mix for final stabilization. The edges of the access roads are not fully stabilized, therefore haybales should be replaced during heavy rain. 10/23-11/27/07	Sediment needs some additional attention.
State species of concern, threatened and endangered species.	According to the D&M plan, state-listed species are not located in this work area. 11/27/07 Several different species of frogs, turtles, and salamanders have been noted in wetlands south of Carpenter Ln. and east of Beseck this spring and last year. 11/27/07	None. 11/27/07 Although these species were not state-listed, it indicates good habitat. Continue to make good efforts to reduce impacts to these wetlands to the extent possible. 11/27/07	NA NA
Vegetative clearing or stabilization	The hydroseeded and landscaped areas around site are at the 75% or greater vegetative cover mark except for small areas recently seeded along the access roads. Erosion control mats remain in place on steep slopes and are in place along the edge of the access road. 11/27/07	Monitor site closely, especially during heavy rains and continue to make good efforts to stabilize washouts. Hand seed the sparse areas of vegetation to increase stabilization as needed. 11/27/07	Curbing is functioning similar to the previously installed haybales.
Dewatering	Dewatering should no longer be necessary. 11/27/07	If future storms overwhelm the capacity of the basins, the controls will have to be revisited. 11/27/07	NA at this time.
Blasting	All blasting was complete as of 9/7/06.	None. 11/27/07	NA
Spills, soils and material storage	Spill cleanup materials were available on site and	Always use spill control materials when working	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	are being used and restocked as needed. 11/27/07	on equipment and during refueling. Final house keeping should occur as activities wrap-up. 11/27/07	
Additional Observations	None 11/27/07		

Next likely scheduled inspection: **Tuesday December 4 , 2007**

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Field Inspector: Matt Creighton, BSC Group

Reviewer: Diana Walden, BSC Group



Eastern side of the site, view along Carpenter Lane. New curbing has been installed and turbid run-off from the site is now pooling here and settling before reaching the roadway.



Clear standing water noted at the drain inlets within the detention basin.



View of the western site access drive which also has newly installed curbing. Clear run-off was noted pooling here.



View of the outlet across Carpenter Lane where slightly turbid water was noted in the wetlands following a small rain event. Efforts should be made to remove all visible, settled sediment at the outlet and within the pipe. Seed the disturbed area with wetland mix.